

AMENDMENTS TO THE CLAIMS

IN THE CLAIMS:

The following listing of claims will replace all prior versions, and listing of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A protection method for a manual ejection operation of an optical disk drive, ~~a locked state is set when the optical disk drive is in normal rotation, characterized in that~~ comprising the steps of:

setting a locked state when the optical disk drive is in a normal rotation;

activating the manual ejection operation; and

maintaining the locked state by applying a loading voltage to a tray motor to resist a forced ejection of a tray ~~when the manual ejection operation is activated.~~

2. (Original) The protection method for the manual ejection operation of the optical disk drive as claimed in claim 1, wherein the manual ejection operation is performed by inserting a slim bar into a round opening on a panel of the optical disk drive.

Claims 3-4 (Canceled).

5. (Currently Amended) A protection method for a manual ejection operation of an optical disk drive, comprising the following steps of:

activating the manual ejection operation;

sensing a stage change from a first stage to a second stage of a load-sensing switch in a locked state;

applying a loading voltage to a tray motor to resist a forced ejection of a tray;

and

returning to the first stage of the load-sensing switch.

Claim 6 (Canceled).

7. (Original) The protection method for the manual ejection operation of the optical disk drive as claimed in claim 5, wherein the locked state is set when the optical disk drive is in normal rotation.

8. (Original) The protection method for the manual ejection operation of the optical disk drive as claimed in claim 5, wherein the manual ejection operation is performed by inserting a slim bar into a round opening on a panel of the optical disk drive.

Claims 9-10 (Canceled).

11. (Original) The protection method for the manual ejection operation of the optical disk drive as claimed in claim 5, wherein the first stage is an on stage or an off stage.

12. (Original) The protection method for the manual ejection operation of the optical disk drive as claimed in claim 5, wherein the second stage is an on stage or an off stage.

13. (New) A protection method for a manual ejection operation of an optical disk drive, comprising the steps of:

activating the manual ejection operation; and

applying a loading voltage to a tray motor to resist a forced ejection of a tray if the optical disk is in a normal rotation.